

Mr. L. J. LaFrance - 4th Floor



UNION CARBIDE CORPORATION
OLEFINS DIVISION

P O BOX 535, 137-47TH STREET, NIAGARA FALLS, NEW YORK

October 17, 1966

Mr. A. Raymond
State of New York, Department of Health
Division Environmental Health Services
Bureau of Radiological Health Services
84 Holland Avenue
Albany, New York 12208

Subject: Exemption Burial

Dear Mr. Raymond:

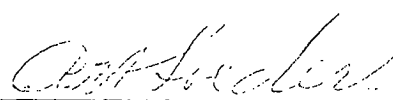
Confirming our telephone conversation of October 14, 1966, - on May 28, 1965 we were granted an exemption to the provisions of Section 16.8 of Part 16 of the State Sanitary Code with respect to the total amount of radioactive material that may be buried at any one time.

At that time we estimated that we would be producing 50 net tons per month of slag containing 1.25% thorium. Since then, we have received some of the ore from Brazil and our analyses show the thorium content to be 2%. We have also increased the amount of material to be processed, and the amount of slag to be generated to 50 gross ton per month.

Other than this, we intend to use the same burial plot and follow the same procedure of segregating the slag after a run, and notifying the Niagara County Health Department prior to burial, which we propose will still be once a month.

We request that our exemption burial permit be amended to cover these changed conditions.

Very truly yours,


Superintendent - Operations

AHSoeder ob

Copies. Mr. W. Freedman, Assistant Commissioner Environmental Health
Niagara County Health Dept - 525 Bewley Bldg., Lockport, N. Y

Mr. John A. Meele, Senior Radiophysicist - Division of Industrial Hygiene,
State of New York, Department of Labor - 80 Centre St., New York, N. Y.
10013

Dr. A. Rosso - Division of Industrial Hygiene
State of New York, Department of Labor - 225 Niagara St., Buffalo 1, N. Y.

OCT 18 1966

MEDICAL DEPT

UCCNHT0000370



Mr. A. H. Soeder
Olefins Division
P. O. Box 66
Niagara Falls, New York 14302

August 8, 1966

Medical

Dear Mr. Soeder:

The results for Thorium analyses on the ore samples submitted is as follows:

Sample #11195 - H6817
Araxa Columbite Ore Lot 121
Cargo sampled 150 drums 6/21/66
Analysis run in duplicate

% Thorium
2.23
2.26

The invoice from Sterling Forest is also enclosed.

Very truly yours,

Leo J. LaFrance
Industrial Hygienist

LJL/en

UCCNHT0000371

11195 - H 6817

%Th

Araxa columbica ore Lot 121

2.23

Cargo sampled 150 drums 6/21/66

2.26

34002

Fe Ch 30/1

Final slag FG 26A Tap 2

1.37

100 - 8817 - 265 7/21/66

1.53

ug/th/m³

th
ucl/cc

- limit

3×10^{-11} ucl/cc

1- 160

1.7×10^{-11}

2- 3.4

0.004×10^{-11}

3- 24

0.03×10^{-11}

4- 214

2.4×10^{-11}

7- 2.4

0.003×10^{-11}

11- 24

0.03×10^{-11}